



# Call for Proposals

## FY21 Funding Cycle

The National Defense Center for Energy and Environment (NDCEE) announces the FY21 Call for Proposals. The NDCEE Project Selection Committee, comprised of representatives from DoD and all Services, will select projects from the three NDCEE focus areas (Environment, Energy, and Safety & Occupational Health). There are no specific statements of needs; however, to be considered, projects must meet the basic eligibility requirements. Additionally, to be competitive, proposals must clearly address the four scoring criteria (mission/readiness, technical quality, transition potential, and modernization/innovation). Quad charts should be emailed to [Jennifer.n.rawlings.civ@mail.mil](mailto:Jennifer.n.rawlings.civ@mail.mil) between 1 March and 1 April.

### New for FY21

Based on lessons-learned and community feedback received during the FY20 cycle, we have made improvements to the proposal screening process, including:

- Two quad charts are required for the first phase due before 1 April. These quad charts make it easier for candidates and scorers to understand how each proposal addresses the four scoring criteria.
- A white paper and MIPR questionnaire are required only for proposals that advance to the final consideration stage.
- The PMO will conduct an initial proposal eligibility screening and depending upon the nature and number of proposals received, we may also employ a down selection committee, to advance only the most competitive proposals to the focus area communities for consideration. Refer to the How to do Business with NDCEE documents for more information.

### Key Dates

1 Mar	Call for Proposals
1 Apr	Quad charts due
6 May	Advancing project candidates are notified
26 May	White paper, revised quad charts, MIPR questionnaire due
July	Final notifications (based on funding received)
31 Aug	New project packages due

### Basic NDCEE Project Eligibility Requirements

<b>BA4</b> Budget Activity 4 eligible
<b>TRL 6</b> Technology Readiness Level 5-6 at entry / 8-9 at exit
<b>Valid Multi-Service Need</b> Must be needed by 2 or more Services
<b>Technology Transition Partner</b> Must sign agreement
<b>Two-Year Duration</b> Project must be complete within two years

### Scoring Criteria

MISSION / READINESS ♦ TECHNICAL QUALITY ♦ TRANSITION POTENTIAL ♦ MODERNIZATION / INNOVATION

NDCEE Project	TRL	Technology Readiness Level Definition
Not Eligible	1	Basic principles observed and reported.
	2	Technology concept and/or application formulated.
	3	Analytical and experimental critical function and/or characteristic proof of concept.
	4	Component and/or breadboard validation in laboratory environment.
ENTER	5	Component and/or breadboard validation in relevant environment.
	6	System/subsystem model or prototype demonstration in a relevant environment.
	7	System prototype demonstration in an operational environment.
EXIT	8	Actual system completed and qualified through test and demonstration.
	9	Actual system proven through successful mission operations.

DoD Technology Readiness Assessment (TRA) Guidance, April 2011

#### Budget Activity 4 Definition

As stated in **DoD 7000.14-R** - “Budget Activity 4, Advanced Component Development and Prototypes (ACD&P). Efforts necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating environment are funded in this budget activity. The ACD&P phase includes system specific efforts that help expedite technology transition from the laboratory to operational use. Emphasis is on proving component and subsystem maturity prior to integration in major and complex systems and may involve risk reduction initiatives. Program elements in this category involve efforts prior to Milestone B and are referred to as advanced component development activities and include technology demonstrations. Completion of Technology Readiness Levels 6 and 7 should be achieved for major programs. Program control is exercised at the program and project level. A logical progression of program phases and development and/or production funding must be evident in the FYDP.”

#### For More Information

More details are included in the “How to do Business with NDCEE” guide on our website.

<https://denix.osd.mil/ndcee/home/>

**Other Considerations:** NDCEE funding is limited, so less expensive projects facilitate a greater number of projects that can be funded for the program. Typical project costs range from \$50k - \$400k annually, and funding may be requested for up to two years. Leveraged or collaborative funding is typically viewed as a positive attribute during the project selection process. Funding is sent directly to DOD affiliated agencies, so please ensure you have proper partnerships in place for your project proposals.

#### Points of Contact

Role	Contact	
<b>NDCEE Program Management Office – Operated by the U.S. Army Environmental Command (AEC)</b>		
Program Manager	AEC	210-793-7882
Program Facilitator – Environmental	AEC	210-466-1578
Program Facilitator – Energy	AEC	210-466-0284
Program Facilitator – Safety & Occupational Health	AEC	210-466-1571

